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AP3 Rec'd PCT/PTO 15 JUN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: )  
Eric Jervis and John Ramunas )  
Serial No.: ) Group Art Unit:  
(National Phase of PCT/CA2004/002138 filed )  
December 17, 2004 ) Confirmation No.:  
Filed: ( herewith) ) Examiner:  
For: CULTURED CELL AND METHOD AND ) Customer No.: 22463  
APPARATUS FOR CELL CULTURE ) Attorney Docket: 92132-10

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
U.S.A.

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 CFR 1.56, Applicant hereby makes of record the references set out on the attached forms PTO/SB/08A and PTO/SB/08B. The references include those cited in the International Search Report of the international application from which this application is derived.

A copy of the non-patent documents is enclosed.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103, and Applicant reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish otherwise. Moreover, Applicants does not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

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Eric Jervis and John Ramunas  
For: CULTURED CELL AND METHOD AND APPARATUS FOR CELL CULTURE

- Page 2 -

It is respectfully requested that the information be expressly considered by the Examiner and that the references be made of record and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



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June 14, 2006

Enclosures  
92132-10 7RDF:bw

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AP3 Rec'd PCT/PTO 15 JUN 2008  
PTO/ERR/2004/02/25

PTO/SB/08A (07-05)

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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Shee

1 of 2

**Complete if Known**

Application Number	
Filing Date	(Filed herewith)
First Named Inventor	Eric Jervis
Art Unit	
Examiner Name	

Attorney Docket Number 92132-10

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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Translation is attached.  
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				Filing Date	(filed herewith)
				First Named Inventor	Eric Jervis
				Art Unit	
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	92132-10

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	2	LI, S. et al., "Effects of morphological patterning on endothelial cell migration", Biorheology 38 (2001), pp. 101-108.			
	3	MATA, A. et al., "Analysis of connective tissue progenitor cell behaviour on polydimethylsiloxane smooth and channel micro-textures", Biomedical Microdevices, 4:4 (2002), pp. 267-275.			
	4	DERTINGER S.K.W. et al., "Gradients of substrate-bound Laminin orient axonal specification of neurons", PROC NATL ACAD SCI USA Oct. 01.2002, vol.99, no.20, pp. 12542-12547.			
	5	TAYLOR, A.M. et al., "Microfluidic Multicompartment Device for Neuroscience Research", Langmuir 2003, 19, pp. 1551-1556.			
	6	YU, Q. et al., "Responsive biomimetic hydrogel valve for microfluidics", Applied Physics Letters, Vol. 78, No. 17, April 23, 2001, pp. 2589-2591.			
	7	EGGIINS, B.R., "Chapter 5 - Electrochemical Sensors and Biosensors", pp.125-169, "Chemical Sensors and Biosensors", Analytical techniques in the Sciences, 2002, John Wiley & Sons, New York, 273 pp.			
	8	WHITESIDES, G.M., "The 'right' size in nanobiotechnology", Nature Biotechnology, Vol. 21, No. 10, October 2003, pp. 1161-1165.			
	9	TAKAYAMA S. et al., "Patterning cells and their environments using multiple laminar fluid flows in capillary networks", Proc. Natl. Acad. Sci. USA, Vol. 96, May 1999, pp. 5545-5548.			
	10	INOUE, H. et al., "Long-term time-lapse cinemicrography of human erythroblasts under compression and without compression - direct measurement of generation time of each maturation stage", International Journal of Hematology, 58 (1993), pp.1-8.			

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